

REMARKS

This Preliminary Amendment is made to place the subject application in better form for examination in the U.S. Patent and Trademark Office. No new matter has been added. A copy of the published application, identified as International Publication No. WO 01/12894 is attached hereto.

In order to avoid placing a burden on the examining authority, applicants submit herewith a substitute specification, which includes numbering the paragraphs of the specification. In accordance with 37 C.F.R. §1.125(b)(2), no marked-up substitute specification is provided.

Please enter the Preliminary Amendment prior to examination and before calculating filing fees. A clean copy of the claims as amended is provided for the convenience of the examiner.

Respectfully submitted,

Date: 2/13/02

Docket No: 3610-20 (D5228-00020)

Richard A. Paikoff

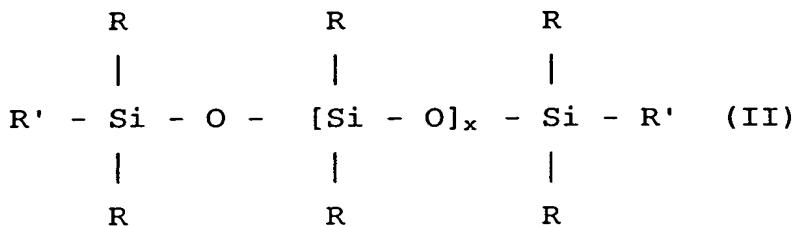
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VERSION WITH MARKINGS TO SHOW CHANGES MADE

1 (amended). A coating composition for textile fabrics, which is curable to an elastomeric finish, which composition comprises (a) a first[, second and third] organopolysiloxane material having only terminal silicon-bonded aliphatically unsaturated hydrocarbon groups per molecule and [or hydrocarbonoxy substituents,] a viscosity at 25°C of from 50 to 650 mm²/s; (b) a second organopolysiloxane material having only silicon-bonded aliphatically unsaturated hydrocarbon groups per molecule and a viscosity at 25°C of at least 10,000 mm²/s; (c) a third organopolysiloxane material having aliphatically unsaturated hydrocarbon substituents at terminal siloxane units and on units in the polymer chain per molecule; (d) an organosilicon crosslinker having at least 3 silicon-bonded hydrogen atoms, (e) a catalyst able to promote the reaction of the aliphatically unsaturated hydrocarbon or hydrocarbonoxy substituents with Si-H groups and (f) a reinforcing filler[, wherein the first and second organopolysiloxanes have aliphatically unsaturated hydrocarbon or hydrocarbonoxy substituents only at the terminal siloxane units, the first organopolysiloxane having a viscosity at 25°C of from 50 to 650 mm²/s, the second organopolysiloxane having a viscosity at 25°C of at least 10,000 mm²/s and wherein the third organopolysiloxane has aliphatically unsaturated hydrocarbon or hydrocarbonoxy substituents at terminal siloxane units and on siloxane units in the siloxane polymer chain].

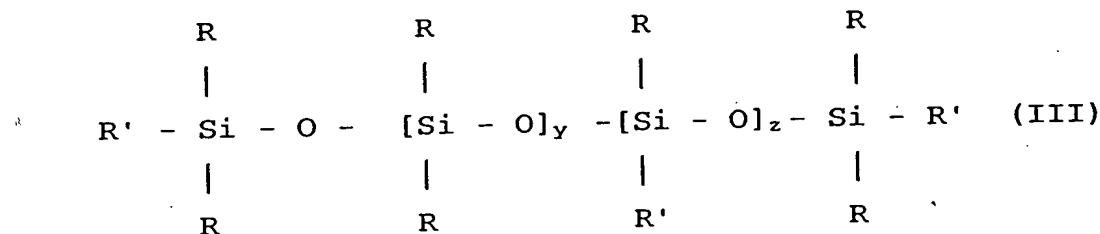
2 (amended). A coating composition according to Claim 1 [or 2], wherein the first and second organosiloxane polymers are of a generally linear nature having the general structure (II)



wherein R is a monovalent hydrocarbon group having up to 18 carbon atoms and R' is a monovalent hydrocarbon or hydrocarbonoxy group having aliphatic unsaturation and wherein x is an integer with a value of up to 200 for the first organopolysiloxane (a) and having a value of at least 300 for the second organopolysiloxane (b).

3 (amended). A coating composition according to [Claim 1 or] Claim 2, wherein the first organopolysiloxane is an α,ω -vinyldimethylsiloxy polydimethylsiloxane polymer having a viscosity of from 50 to 650 mm²/s at 25°C, and wherein the second organopolysiloxane is an α,ω -vinyldimethylsiloxy polydimethylsiloxane polymer having a viscosity of from 10,000 to 90,000 mm²/s at 25°C.

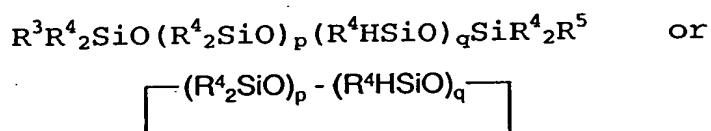
4 (amended). A coating composition according to Claim [any of Claims] 1.[to 3], wherein the third organosiloxane polymer is of a generally linear nature having the general structure (III)



wherein R and R' have the same meaning as above, and wherein y is zero or an integer and z has a value of at least 1, while the value of y+z is no more than 300.

5 (amended). A coating composition according to Claim [any of Claims] 1 [to 4], wherein the first and second organopolysiloxane are present in a weight ratio of (a) to (b) of from 1 to 2 to 1 to 20 and[,] the second and third organopolysiloxanes are present in a weight ratio of (b) to (c) of from 20 to 1 to 2 to 1.

6 (amended). A coating composition according to Claim [any of Claims] 1 [to 5], wherein the organosilicon cross-linker has the general formula



wherein R^4 denotes an alkyl or aryl group having up to 10 carbon atoms, R^3 is a group R^4 or a hydrogen atom, p has a value of from 0 to 20, q has a value of from 1 to 70, and there are at least 3 silicon-bonded hydrogen atoms present per molecule.

7 (amended). A coating composition according to Claim [any of Claims] 1 [to 6], wherein the [which further comprises a] catalyst is based on a Group VIII metal selected from ruthenium, rhodium, palladium, osmium, iridium and platinum.

9 (amended). A coating composition according to Claim [any of Claims] 1 [to 8], wherein the reinforcing filler is selected from silica, titania and glass microspheres.

10 (amended). A coating composition according to Claim [any of Claims] 1 [to 9], comprising (a) 100 parts by weight of a first organopolysiloxane material having

only terminal silicon-bonded aliphatically unsaturated hydrocarbon groups per molecule and a viscosity at 25°C of from 50 to 650 mm²/s; (b) from 300 to 700 parts by weight of a second organopolysiloxane material having only terminal silicon-bonded aliphatically unsaturated hydrocarbon groups per molecule and a viscosity at 25°C of at least 10,000 mm²/s; (c) from 50 to 150 parts by weight of a third organopolysiloxane material having [has] aliphatically unsaturated hydrocarbon substituents at terminal siloxane units and on units in the polymer chain per molecule; (d) an organosilicon compound having at least three silicon-bonded hydrogen atoms per molecule, in an amount which is sufficient to give a molar ratio of Si-H groups in (d) to alkenyl groups in (a), (b) and (c) combined of from 5/1 to 10/1; (e) a group VIII based catalyst component in sufficient amounts to catalyse the addition reaction between (a), (b) and (c) on the one hand and (d) on the other; (e) from 100 to 400 parts by weight of a hydrophobic filler.

11 (amended). A coated fabric comprising a textile fabric coated with an elastomer-forming composition according to Claim 1 [any of the preceding claims] cured to an elastomeric layer.

13 (amended). A process for making a coated fabric, which comprises coating a textile fabric with a layer of an elastomer-forming coating composition according to Claim [any of Claims] 1 [to 10] and causing the layer to cure to form an elastomeric coating on the fabric.

15 (amended). A process according to Claim 13 [or Claim 14], wherein the composition is cured at a temperature of from 120 to 200°C for a period of up to 5 minutes.

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